

ABSTRACT OF THE DISCLOSURE

A distributed simulation system includes at least a first node and a second node.

- 5 The first node is configured to simulate a first portion of a system under test using a first simulation mechanism. The second node is configured to simulate a second portion of the system under test using a second simulation mechanism different from the first simulation mechanism. The first node and the second node are configured to communicate during a simulation using a predefined grammar. In various embodiments,
- 10 simulation mechanisms may include one or more of: a simulator and a simulation model of the portion of the system under test; a program coded to simulate the portion; a program designed to provide test stimulus, control, or test monitoring functions for the simulation as a whole; an emulator emulating the portion of the system under test, or a hardware implementation of the portion.